

MAY 14 2007

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## FAX

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Examiner Seema SUD Art Unit: 2611	571.273.8300	US PTO Alexandria, VA

## COMMENTS: - ATTACHED

Transmittal;  
Supplemental Reply to Non-Final Rejections; and  
Response to Non-Compliant Amendment mailed 05/02/2007Applicant(s): Seema SUD, et al.  
Title: ADAPTIVE FILTERING IN THE PRESENCE OF MULTIPATH  
Serial No.: 10/689,765  
Filing Date: October 22, 2003  
Docket No.: SAIC0079

Due Date: 06/02/2007

Michael J. Dinino

FROM

15

PAGES (WITH COVER)

1615

REFERENCE NO

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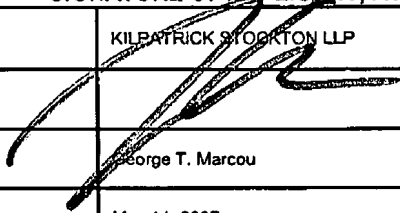
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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/689,765	<b>RECEIVED CENTRAL FAX CENTER MAY 14 2007</b>
	Filing Date	October 22, 2003	
	First Named Inventor	Seema SUD	
	Art Unit	2611	
	Examiner Name	TU, Julia P.	
Total Number of Pages In This Submission	Attorney Docket Number	SAIC0079	

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/Declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
<div style="border: 1px solid black; padding: 2px;">Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm	KILPATRICK STOCKTON LLP		
Signature			
Printed Name	George T. Marcou		
Date	May 14, 2007	Reg. No.	33,014

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Reply to Office Action of 12/14/2006

SAIC0079

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In re the Application of: Seema SUD, et al.

Serial No.: 10/689,765

Art Unit: 2611

Filed: October 22, 2003

Examiner: Julia P. TU

For: ADAPTIVE FILTERING IN THE PRESENCE OF MULTIPATH

**SUPPLEMENTAL REPLY TO NON-FINAL REJECTIONS & NOTICE OF NON-COMPLIANT AMENDMENT**

U.S. Patent and Trademark Office  
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Dear Sir:

The following is intended to be fully responsive to the Non-final Office Action mailed 12/14/2006 ("the OA") and the Notice of Non-Compliant Amendment mailed 05/02/07. The undersigned respectfully requests reconsideration of this application in view of the amendments and remarks presented herein.

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